KEEGAN WERLIN LLP

ATTORNEYS AT LAW
265 FRANKLIN STREET
BOSTON, MASSACHUSETTS 02110-3113

(617) 951-1400

TELECOPIERS: (617) 951-1354 (617) 951-0586

June 10, 2005

Mary L. Cottrell, Secretary Department of Telecommunications and Energy One South Station Boston, MA 02110

Re: D.T.E. 05-44, Boston Edison Company

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced matter is an original and four copies of the responses to the Information Requests set forth on the accompanying list.

Thank you for your attention to this matter.

Sincerely,

Robert N. Werlin

Enclosures

cc: Shaela McNulty Collins, Hearing Officer

Colleen McConnell, Assistant Attorney General

Responses to Information Requests

Information Request DTE-1-1

Information Request DTE-1-2
Information Request DTE-1-3

Information Request DTE-1-4

Boston Edison Company Department of Telecommunications and Energy

D.T.E. 05-44

Information Request: **DTE-1-1**

June 10, 2005

Person Responsible: Henry C. LaMontagne

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Information Request DTE-1-1

Please provide electronic copies of Exhibit BEC-HCL-2 and any associated work papers in Microsoft Excel format, with all formulas and links contained in the cells.

Response

An electronic copy of Exhibit BEC-HCL-2 is provided as Attachment DTE-1-1.

Boston Edison Company Department of Telecommunications and Energy D.T.E. 05-44

Information Request: **DTE-1-2**

June 10, 2005

Person Responsible: Henry C. LaMontagne

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Information Request DTE-1-2

Refer to Exhibit BEC-HCL-2. Please explain (1) the function of the column labeled "Rate Design" and (2) the process used to determine the values in that column using rate classes R-4 and G-1 as examples.

Response

The "Rate Design Adjustment" sets forth changes in individual rate components necessary to implement the overall rate changes when such rate changes cannot be implemented in the usual manner. For example, in a TOU rate, if there is currently no \$/kWh charge in the off-peak period, there would be no indicated \$/kWh credit in this period because that rate component would become negative. Instead, the off-peak credit is converted to a peak credit by the ratio of the respective TOU period kWh values. This process results in the same indicated overall revenue levels for the rate. The entries in the "Rate Design Adjustment" column set forth the resulting component rate changes. This process is also used to convert \$/kWh charges to \$/kW charges when indicated.

Specifically for Rate R-4, the present total transition charge, the sum of the transition and transition rate adjustment, is zero for the off-peak period. In order to maintain the total rate at zero, the indicated Transition Adjustment of (0.00701) cents/kWh for the seasonal off-peak periods was converted to (0.01504) cents/kWh and (0.02212) cents/kWh applicable to the winter and summer peak periods respectively. The appropriate credits and offsets are posted in the "Rate Design Adjustment" column.

In the case of Rate G-1, the present total transition charge, the sum of the transition and transition rate adjustment, is zero for the tail-block rate in each season. In order to maintain the total rate at zero, the indicated Transition Adjustment of (0.00701) cents/kWh for the tail-blocks was converted to (0.00094) cents/kWh and (0.00096) cents/kWh applicable to both the first and second energy rate block rates for winter and summer, respectively. The appropriate credits and offsets are posted in the "Rate Design Adjustment" column.

Boston Edison Company Department of Telecommunications and Energy D.T.E. 05-44

D.1.E. 05-44

Information Request: **DTE-1-3**

June 10, 2005

Person Responsible: Henry C. LaMontagne

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Information Request DTE-1-3

Refer to Exhibit BEC-HCL-2. Please explain the function of the charge labeled "Transition Rate Adjustment" (see, e.g., Exhibit BEC-HCL-2, at 2, "Customer Charge" column for R-1, above the "Pension Adj. Factor" charge).

Response

The Transition Rate Adjustments reflect the credit or recovery of over- or undercollections of prior year transition charges for each rate class. The derivation of the values is set forth in Exhibit BEC-HCL-6 and explained in Exhibit BEC-HCL at page 6 filed in D.T.E. 04-113. Attachment DTE-1-3 contains the cited portions of D.T.E. 04-113.

Attachment DTE-1-3

- Q. How have you reflected the change to the Transition Charges in Boston Edison's rates?
- 3 A. First, I assign the same average Transition Charge rate to each rate class, with the exception of Rate WR, which I will discuss separately. To this average Transition 4 5 Charge, I add a class-specific Transition Charge Adjustment, pursuant to Section 2.4 of the terms of the settlement agreement entered into between and the Attorney 6 7 General in D.T.E. 00-82, approved by the Department on November 16, 2001. The methodology for the calculation of the Transition Charge Adjustment for each class 8 for the year 2004 is set forth in Exhibit BEC-HCL-6. The purpose of the adjustment 9 is to ensure that the reconciliation of the Transition Charge maintains a uniform 10 11 recovery of the average transition charge from each customer class.

Q. How have you reflected the Transition Rate Adjustment for Rate T-1?

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13 A. In the rates implemented for year 2002, the Transition Charge Adjustment calculated for Rate T-1 was 3.072 cents/kWh. This represented the adjustment for the years 14 15 1998 through 2000. This amount of adjustment was too great to implement in one year while maintaining the mandated 15 percent rate reduction for this rate class. As 16 a result, Boston Edison implemented only a portion (25%) of this total adjustment in 17 18 its rates for 2003 and 2004. Similarly, for 2005, the Company has added 0.180 cents per kWh to the indicated adjustment applicable in year 2005 (i.e., 0.091 + 0.180 = 19 20 0.271). The remaining portion of the 1998-2000 adjustment will be implemented in 21 future years.

BOSTON EDISON COMPANY Year 2003 Transition Revenue Analysis

	Estimated	2004 kWh	6		3,667,541,014	188,871,015	27,741,465	562,213,495	2,446,302	452,609,662	117,183	180,498,995	2,786,409,882	726,436	3,422,802,882	•	•	4,005,179,464	19,454,145	118,621,972	21,801,793	56,624,304	339,991	15,514,000,000
Year 2003		Adjustment	-	-e / d	0.00011	0.00008	0.00021	0.00016	(0.00077)	0.00021	0.00091	0.00135	0.00056	0.00418	0.00076	•	•	0.00158	0.00222	0.00072	(0.00037)	0.00029	(0.00112)	0.00074
	Overpayment				↔	↔	↔	₩	↔	↔	↔	₩	↔	↔	↔	↔	↔	₩	↔	↔	↔	↔	S	↔
		(Underpayment)	a	p - q	(412,100)	(15,373)	(5,931)	(87,219)	1,881	(95,602)	(106)	(244,392)	(1,557,548)	(3,039)	(2,592,867)		•	(6,340,347)	(43,226)	(85,007)	7,987	(16,212)	381	(11,488,721)
		의			₩	↔	₩	₩	₩	↔	₩	₩	₩	₩	₩	₩	₩	₩	₩	₩	↔	₩	₩.	₩
	Theoretical	Transition \$	ס	ກ ຸ	64,619,777	3,327,789	488,787	9,905,850	43,102	7,974,699	2,065	3,180,279	49,094,798	12,799	60,307,644	•	•	70,568,755	342,770	2,090,045	384,134	997,685	5,990	273,346,970
					↔	↔	↔	↔	↔	↔	₩	↔	↔	↔	₩	↔	₩	↔	↔	₩	₩	↔	₩	↔
	Theoretical	Rate	O		0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	0.01840	
					₩	₩	↔	₩	↔	↔	₩	₩	↔	↔	₩	₩	↔	↔	₩	↔	↔	↔	↔	
	Billed	Transition \$	p		64,207,677	3,312,416	482,856	9,818,631	44,983	7,879,097	1,958	2,935,887	47,537,251	9,760	57,714,777	•	•	64,228,408	299,543	2,005,038	392,121	981,473	6,372	261,858,249
		•			↔	↔	₩	↔	↔	₩	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	₩	₩	↔	↔
	Billed	kWh	w		3,511,944,413	180,858,102	26,564,524	538,361,408	2,342,517	433,407,552	112,211	172,841,267	2,668,195,551	695,617	3,277,589,374	•	•	3,835,258,443	18,628,797	113,589,397	20,876,845	54,222,000	325,567	14,855,813,585
		RRC			A1, A7	¥2	A3	A4, A8	A5, A6	A9	B5, B6	B	B2, B9	65	B3, B4,G6,G7	E5, E6	63, 64	B7, B8,G8,G9	ပ	C2,C4	ខ	E7	E3, E4	
		Rate			R-1	R-2(R-1)	R-2(R-3)	R-3	A.	G-1(no dem)	፫	G-1(dem)	6-2	오	ස	S	눞	12	S1	S 2	S3	Amtrak	NEA NE	Total

Total in Millions - underpayment = cost in 2005

BOSTON EDISON COMPANY Year 2003 Transition Revenue Analysis

Billed Transition net of Transition Adj.	64,207,677 3,312,416 482,856 9,818,631 44,983 7,879,097 1,958 2,935,887 47,537,251 9,760 57,714,777 - 64,228,408 299,543 2,005,038 392,121 981,473 6,372	261,858,249
2003 Transition Adj. <u>Revenues</u> d	(948,225) (48,832) (2,656) (2,907,715) (2,975) 21,670 559 (25,926) (266,820) 2,595 1,245,484 (4,602,310 (3,539) (7,951) (5,010)	4,271,615
DTE 02-80A Exhibit <u>HCL-6</u> c	(0.00027) (0.00027) (0.00010) (0.00054) (0.000127) (0.00015) (0.00015) (0.00016) (0.00018) (0.00019) (0.00019) (0.00019) (0.00019)	
Billed <u>Transition \$</u> b	63,259,452 3,263,584 480,200 9,527,916 42,008 7,900,767 2,517 2,909,961 47,270,431 12,355 58,960,261 - - 68,830,718 296,004 1,997,087 387,111 981,473 8,019	266,129,864
Billed <u>kWh</u> a	3,511,944,413 180,858,102 26,564,524 538,361,408 2,342,517 433,407,552 112,211 172,841,267 2,668,195,551 695,617 3,277,589,374 18,628,797 113,589,397 20,876,845 54,222,000 325,567	14,855,813,585
RRC	A1, A7	
Rate	R-2(R-1) R-2(R-3) R-3 R-3 R-3 R-3 R-4 G-1(no dem) G-2 H2 G-2 H2 G-3 SD HT T2 S1 S1 S1 S2 S3 Amtrak NEA NE	Total

Boston Edison Company
Department of Telecommunications and Energy

D.T.E. 05-44

Information Request: **DTE-1-4**

June 10, 2005

Person Responsible: Henry C. LaMontagne

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Information Request DTE-1-4

Refer to Exhibit BEC-HCL-3. Please provide bill impacts using, in the proposed rates section of the analyses, the default service rates and the default service adder, which the Department approved on May 27, 2005, to be effective on July 1, 2005. Provide these documents in Microsoft Excel format, with all formulas and links contained in the cells.

Response

Please refer to the Excel spreadsheet provided as Attachment DTE-1-4 at the tab labeled "Exh 8-TypBills".